# Sensepoint XCD RTD

# Honeywell





A gas transmitter for use with directly or remotely mounted toxic and Oxygen gas sensors

## Sensepoint XCD RTD

#### **Benefits**

- Increased personnel safety
- Compliance with Health and Safety legislation
- Fulfilment of duty of careReduced insurance premiums

#### Flexibility

- Tri-colour display indicates status at a glance
- Transmitter can be mounted in easy to access area or highly visible location
- Sensor can be mounted directly or up to 30 metres (100 feet) from transmitter
- Detects a wide range of toxic gases
- Generic 4-20mA input device option

#### **Reliable Detection**

- Compatible with Honeywell Analytics' proven Sensepoint toxic and Oxygen gas sensors
- Surecell<sup>™</sup> technology ensures performance at extremes of temperature and humidity
- Long-life sensors
- IP66/67 rated for use in harsh environments

#### Easy to Use

- Easy to read tri-colour backlit display with digits, bar graph and icons
- Fully configurable via non-intrusive magnetic switches
- Selectable sink or source 4-20mA output
- Auto-inhibit during maintenance prevents false alarms

#### **Cost Effective**

- Sensepoint XCD common transmitter platform
- Reduces training costs
- Reduces spares and stock costs
- Non-intrusive, one-man operation reduces cost of maintenance
- Plug-in sensor cartridge replacement

#### Applications

- Industrial manufacturing facilities
- Power plants
- Waste water facilities
- Utilities
- Food and beverage production
- Refineries and chemical plants
- Onshore oil and gas terminals
- Production platforms
- · Exploration and drilling

Sensepoint XCD RTD enables users to comply with legislation, increase safety and reduce insurance premiums and maintenance costs when protecting personnel from toxic gas releases. It provides proven, reliable toxic and Oxygen gas detection, an easy to read status display and a common platform.



Sensepoint XCD RTD (Remote Toxic Detector) has been specifically designed for use with the Honeywell Analytics' range of Sensepoint toxic and Oxygen sensors. This configuration is ideal for a wide range of toxic and Oxygen gas detection applications. The sensor can be mounted up to 30 metres (100 feet) away from the transmitter in areas that are difficult to access. The transmitter can be mounted at a suitable location away from this area where it is easy to access, view its display and interact with via the user interface.

Sensepoint toxic and Oxygen sensors offer a wide variety of gases and measuring ranges. The sensor can be mounted directly to the transmitter as well as remotely. Sensepoint XCD RTD can be used as a common platform for all toxic and Oxygen gas detection, reducing spares requirements. The Sensepoint sensor design includes an IS portion with a removable sensor cartridge, eliminating the need for a hot work permit when changing the sensor cartridge. The sensor has an IP67 rating for use in the harshest conditions. The transmitter's tri-colour backlit LCD clearly indicates the unit's status at a glance, even from a distance. A steady green backlight indicates normal operation, flashing yellow indicates fault and flashing red indicates an alarm.

Outputs include 2 programmable alarm relays, 1 programmable fault relay as well as 4-20mA output (sink or source selectable).

The range, relay operation, alarm set points and electronic tag number of the detector can be adjusted using the transmitter's LCD and the non-intrusive magnetic switches. Outputs are automatically inhibited during adjustment thereby reducing the risk of false alarm at the control panel during maintenance.



# Sensepoint XCD RTD Overview



The Sensepoint XCD RTD (Remote Toxic Detector) can be used with the Sensepoint range of toxic and Oxygen gas detectors. The sensors can be directly mounted to the M25 entry at the bottom of the transmitter, or remotely mounted to suitable junction boxes or duct mounting assemblies.







Typical installation of Sensepoint XCD RTD with local Sensepoint toxic or Oxygen sensor

Available Sensepoint Toxic Sensors									
Gas and Range	Hydrogen Sulphide (H <sub>2</sub> S) 20/50/100ppm	Carbon Monoxide (CO) 100/200/500ppm	Ammonia (NH <sub>3</sub> ) 50/1000ppm	Chlorine (Cl <sub>2</sub> ) 5/15ppm	Oxygen (0 <sub>2</sub> ) 25% V / V	Hydrogen (H <sub>2</sub> ) 1000/10000ppm	Sulphur Dioxide (SO <sub>2</sub> ) 15/50ppm	Nitric Oxide (NO) 100ppm	Nitrogen Dioxide (NO <sub>2</sub> ) 10ppm
<b>Operating Temp</b>	-25 to +50°C	-20 to +50°C	-20 to +40°C	-20 to +50°C			-15 to +40°C		
Warm-up Time		< 3 minutes			< 5 minutes		< 3 minutes		1 hour
Response Time									
T20	< 6 secs	< 5 secs	-	< 10 secs	< 3 secs	-	-	< 3 secs	< 15 secs
T50	< 15 secs	< 12 secs	< 10 secs	< 20 secs	< 5 secs	< 10 secs	< 10 secs	< 5 secs	< 30 secs
T90	< 40 secs	< 30 secs	< 65 secs	< 105 secs	< 10 secs	< 45 secs	< 90 secs	< 30 secs	< 60 secs
Stability (zero)									
with time*	$< \pm 2\%$ fsd / yr								
with temp**	< ±	5% fsd	< ±6% fsd	< ±2% fsd		< ±2% fsd	< ±5% fsd		
with humidity	< ±10% fsd	< ±2% fsd	< ±10% fsd	< ±2% fsd		< ±2% fsd	< ±10% fsd		
Stability (span)									
with time*	< ±2% fsd / yr	$< \pm 4\%$ fsd / yr	$< \pm 20\%$ fsd / yr	< 10% fsd / yr	$< \pm 20\%$ fsd / yr	$<\pm 2\%$ fsd / yr			
with temp***	< ±25% fsd	< ±20% fsd	< ±20% fsd	< 40% fsd	< ±10% fsd	< ±60% fsd	$<\pm15\%$ fsd $<\pm25\%$ fsd		5% fsd
with humidity	< ±10% fsd	< ±2% fsd	< ±10% fsd	< ±2% fsd	< ±1% fsd	< ±2% fsd	< ±10% fsd		
lotes									

Notes

\*= % of range (fsd) per year, \*\*Over operating temperature range, \*\*\*= % of applied concentration

## Ready, Steady, Go!

Sensepoint XCD RTD uses three instantly recognisable 'traffic light' colours to indicate its status. The large tri-colour backlit LCD flashes red to indicate an alarm, flashes yellow to indicate a fault and is steady green to indicate normal operation. This allows anyone in the area to clearly see at a glance the status of any detector. This can be particularly useful to identify detector status if the detector is located in a difficult to access area or if a number of detectors are located in the same area.



# Installation



**Installation Options** 

#### Mechanical

The Sensepoint XCD RTD transmitter has an integral mounting plate consisting of four mounting holes on the transmitter body. The transmitter may be fixed directly to a surface mounting, or to a horizontal or vertical pipe/structure, 40.0-80.0mm (1.6 to 3.1 inches) in diameter/cross section. The pipe mounting bracket accessory (optional accessory) may be used for this purpose.





Wall mounted





Horizontal pipe mounted (Using optional pipe mounting kit)



Vertical pipe mounted (Using optional pipe mounting kit)



Optional sunshade/deluge protection



Typical installation of Sensepoint XCD RTD with remote Sensepoint toxic or Oxygen sensor



Typical installation of Sensepoint XCD RTD with local Sensepoint toxic or Oxygen sensor

# Installation



#### Electrical







**Puck Rear View** 

#### Wiring Schematics

The Sensepoint XCD RTD transmitter may be wired in either current sink or current source configuration. These two options are offered to allow greater flexibility in the type of control system that it can be used with. Sink/source is selectable via the switch located on the back side of the display module; accessible by removing the display module during installation/ commissioning.

**Detector to Controller Wiring Schematics** 



Sensepoint XCD RTD Source Configuration



Sensepoint XCD RTD Sink Configuration

Note:

Terminate cable screen at the detector or the controller, not both.

#### Transmitter to Sensor Wiring Schematic



# Installation and Technical Summary



#### Typical Cable Lengths

Typical Cal	Maximim Cable Length			
Cable Size	Cable Re	sistance		
(Cross Sectional Area)	Ω <b>/km</b>	Ω <b>/mi</b>	Metres	Feet
0.5mm <sup>2</sup> (20AWG*)	36.8	59.2	353	1158
1.0mm2 (17AWG*)	19.5	31.4	666	2185
1.5mm2 (16AWG*)	12.7	20.4	1023	3356
2.0mm2 (14AWG*)	10.1	16.3	1287	4222
2.5mm <sup>2</sup> (13AWG*)	8	12.9	1621	5318

### Note:

Table given for guidance only. Users should calculate maximum distances using actual data for cable being used. Typical calculation assumes minimum guaranteed controller supply of 24VDC, minimum detector voltage of 18VDC and maximum power supply under full alarm. R<sub>L</sub> (max) is 250ohms.

Sensepoint XCD RTD	) Transmitter								
			r use with toxic and Oxygen gas sensors to protect plant and personnel from toxic and Oxygen gas hazards. Transmitter incorporates al tri-colour LCD display and is fully configurable via non-intrusive magnetic switch interface.						
Electrical									
	Input Voltage Max Power (		18 to 32VDC (24VDC nominal) 5 Watts						
	Current Outp ≥0.0<1.0m/ 2.0mA or 4. 4.0mA to 20 22.0mA	A DmA	Sink or source Fault Inhibit (during configuration/user settings) Normal gas measurement Maximum over range						
	Terminals		18 x screw terminals suitable for wire diameter 0.5mm <sup>2</sup> to 2.5mm <sup>2</sup> (20AWG to 14AWG)						
Relays			3 x 5A@250VAC. Selectable normally open or normally closed (switch) and energised de-energised (programmable) Alarm relays default normally open/de-energised. Fault relay default normally open/energised						
Construction									
Material	Transmitter H Sensepoint T Weather Pro	oxic Sensor tection	Epoxy painted aluminium alloy LM25 or 316 stainless steel PPS Plastic						
Weight (approx)	Aluminium A 316 Stainles Sensor		5 2.0kg (4.4lbs) 5.0kg (11lbs) 0.2kg (max- type dependant)						
Mounting Integral mounting plate with 4 x mounting holes suitable for M8 bolts Optional pipe mounting kit for horizontal or vertical pipe Ø1.5 to 3" (2" nominal)									
Entries	European AT IP rating	EX/IECEx versions: 2 x N	//20 side entries and 1 x M	25 bottom entry. Suitable bla	nking plug supplied for	use if only 1 side entry use	d. Seal to maintain		
Sensepoint Detectat	ble Gases, Ranges and D	efault Settings							
Gas	Displayed Name	Range	Lower Alarm	Lower Alarm Type	Higher Alarm	Higher Alarm Type	Lowest Alarm Level		
		20.0ppm	4.0ppm	Rising	8.0ppm	Rising	2.0ppm		
Hydrogen Sulphide	H_S	20.0ppm 50.0 ppm	4.0ppm 10.0ppm	Rising Rising	8.0ppm 20.0ppm	Rising	2.0ppm 5.0ppm		
Hydrogen Sulphide	H <sub>2</sub> S			Rising					
Hydrogen Sulphide	H <sub>2</sub> S	50.0 ppm	10.0ppm	Rising Rising	20.0ppm	Rising	5.0ppm		
Hydrogen Sulphide	-	50.0 ppm 100 ppm	10.0ppm 20ppm	Rising	20.0ppm 40ppm	Rising Rising	5.0ppm 10ppm		
	H <sub>2</sub> S CO	50.0 ppm 100 ppm 100 ppm	10.0ppm 20ppm 30ppm	Rising Rising Rising Rising	20.0ppm 40ppm 60ppm	Rising Rising Rising	5.0ppm 10ppm 10ppm		
Carbon Monoxide	СО	50.0 ppm 100 ppm 100 ppm 200 ppm	10.0ppm 20ppm 30ppm 40ppm	Rising Rising Rising	20.0ppm 40ppm 60ppm 80ppm	Rising Rising Rising Rising	5.0ppm 10ppm 10ppm 20ppm		
	-	50.0 ppm 100 ppm 100 ppm 200 ppm 500 ppm	10.0ppm 20ppm 30ppm 40ppm 100ppm	Rising Rising Rising Rising Rising	20.0ppm 40ppm 60ppm 80ppm 200ppm	Rising Rising Rising Rising Rising	5.0ppm 10ppm 10ppm 20ppm 50ppm		
Carbon Monoxide	СО	50.0 ppm 100 ppm 200 ppm 500 ppm 5.0 ppm	10.0ppm           20ppm           30ppm           40ppm           100ppm           0.5 ppm	Rising Rising Rising Rising Rising Rising Rising	20.0ppm 40ppm 60ppm 80ppm 200ppm 2.0ppm	Rising Rising Rising Rising Rising Rising	5.0ppm 10ppm 20ppm 50ppm 5.0ppm		
Carbon Monoxide	CO Cl <sub>2</sub>	50.0 ppm 100 ppm 200 ppm 500 ppm 5.0 ppm 15.0 ppm	10.0ppm           20ppm           30ppm           40ppm           100ppm           0.5 ppm           1.5 ppm	Rising	20.0ppm 40ppm 60ppm 80ppm 200ppm 2.0ppm 6.0ppm	Rising	5.0ppm 10ppm 20ppm 50ppm 5.0ppm 10ppm		
Carbon Monoxide Chlorine	СО	50.0 ppm 100 ppm 200 ppm 500 ppm 5.0 ppm 15.0 ppm 50.0ppm	10.0ppm           20ppm           30ppm           40ppm           100ppm           0.5 ppm           1.5 ppm           20.0ppm	Rising Rising Rising Rising Rising Rising Rising	20.0ppm 40ppm 60ppm 80ppm 200ppm 2.0ppm 6.0ppm 30.0ppm	Rising	5.0ppm 10ppm 20ppm 50ppm 5.0ppm 10ppm 5.0ppm		
Carbon Monoxide Chlorine Ammonia	CO CI <sub>2</sub> NH <sub>3</sub>	50.0 ppm 100 ppm 200 ppm 500 ppm 5.0 ppm 15.0 ppm 50.0ppm 100 ppm	10.0ppm           20ppm           30ppm           40ppm           100ppm           0.5 ppm           1.5 ppm           20.0ppm           2000ppm           2000ppm	Rising	20.0ppm 40ppm 60ppm 200ppm 2.0ppm 6.0ppm 30.0ppm 40ppm	Rising	5.0ppm 10ppm 20ppm 50ppm 5.0ppm 10ppm 10ppm 10ppm		
Carbon Monoxide Chlorine	CO Cl <sub>2</sub>	50.0 ppm 100 ppm 200 ppm 500 ppm 5.0 ppm 15.0 ppm 50.0ppm 100 ppm 1000 ppm	10.0ppm           20ppm           30ppm           40ppm           0.5 ppm           20.0ppm           20.0ppm	Rising	20.0ppm 40ppm 60ppm 200ppm 2.0ppm 6.0ppm 30.0ppm 40ppm	Rising	5.0ppm 10ppm 20ppm 50ppm 5.0ppm 10ppm 5.0ppm 10ppm 100ppm		
Carbon Monoxide Chlorine Ammonia	CO CI <sub>2</sub> NH <sub>3</sub>	50.0 ppm 100 ppm 200 ppm 500 ppm 5.0 ppm 15.0 ppm 15.0 ppm 100 ppm 1000 ppm 1000 ppm	10.0ppm           20ppm           30ppm           40ppm           0.5 ppm           1.5 ppm           20.0ppm           200ppm           200ppm           200ppm	Rising	20.0ppm 40ppm 60ppm 200ppm 2.0ppm 6.0ppm 30.0ppm 40ppm 400ppm	Rising	5.0ppm 10ppm 20ppm 50ppm 5.0ppm 10ppm 5.0ppm 10ppm 100ppm 100ppm		
Carbon Monoxide Chlorine Ammonia Hydrogen Nitrogen Monoxide	CO CI <sub>2</sub> NH <sub>3</sub> H <sub>2</sub> NO	50.0 ppm 100 ppm 200 ppm 500 ppm 5.0 ppm 15.0 ppm 150.0ppm 1000 ppm 1000 ppm 1000 ppm	<ul> <li>10.0ppm</li> <li>20ppm</li> <li>30ppm</li> <li>40ppm</li> <li>100ppm</li> <li>0.5 ppm</li> <li>1.5 ppm</li> <li>20.0ppm</li> <li>200ppm</li> <li>200ppm</li> <li>200ppm</li> <li>200ppm</li> </ul>	Rising	20.0ppm 40ppm 60ppm 200ppm 2.0ppm 6.0ppm 30.0ppm 40ppm 400ppm 400ppm	Rising	5.0ppm 10ppm 20ppm 50ppm 5.0ppm 10ppm 10ppm 100ppm 100ppm 100ppm		
Carbon Monoxide Chlorine Ammonia Hydrogen	CO CI <sub>2</sub> NH <sub>3</sub> H <sub>2</sub>	50.0 ppm 100 ppm 200 ppm 500 ppm 5.0 ppm 15.0 ppm 50.0ppm 100 ppm 1000 ppm 1000ppm 9999 ppm 100 ppm	10.0ppm           20ppm           30ppm           40ppm           100ppm           0.5 ppm           1.5 ppm           20.0ppm           200ppm           200ppm           200ppm           200ppm           200ppm           200ppm           200ppm           200ppm	Rising	20.0ppm 40ppm 60ppm 200ppm 2.0ppm 6.0ppm 30.0ppm 40ppm 400ppm 400ppm 400ppm	Rising	5.0ppm 10ppm 20ppm 50ppm 5.0ppm 10ppm 10ppm 100ppm 100ppm 1000ppm 100ppm		
Carbon Monoxide Chlorine Ammonia Hydrogen Nitrogen Monoxide	CO CI <sub>2</sub> NH <sub>3</sub> H <sub>2</sub> NO	50.0 ppm 100 ppm 200 ppm 500 ppm 5.0 ppm 15.0 ppm 50.0ppm 100 ppm 1000 ppm 1000 ppm 100 ppm 100 ppm 100 ppm 15.0 ppm	10.0ppm           20ppm           30ppm           40ppm           100ppm           0.5 ppm           1.5 ppm           20.0ppm           200ppm           20ppm           20ppm           20ppm	Rising         Rising	20.0ppm 40ppm 60ppm 200ppm 2.0ppm 6.0ppm 30.0ppm 40ppm 400ppm 400ppm 400ppm 6.0ppm	Rising         Rising	5.0ppm 10ppm 20ppm 50ppm 5.0ppm 10ppm 10ppm 100ppm 100ppm 100ppm 100ppm 100ppm		

Note Please refer to Sensepoint Sensor Datasheet for further details.

# Technical Summary cont. and Ordering Information



0					
Certification					
European	ATEX Ex II 2 GD Ex d IIC Gb T6 (Ta -40°C to +65°C) Ex tb IIIC T85°C Db IP66				
International	IEC Ex d IIC Gb T6 (Ta -40°C to +65°C) Ex tb IIIC T85°C Db IP66				
China	GB Ex d IIC T4 GB3836.1&2 -2000, PA, CCCF				
Korea	KTL Ex d IIC T6 (-40°C to +65°C)				
EMC	CE: EN50270:2006 EN6100-6-4:2007				
Environmental					
IP Rating	Transmitter: IP66, Sensor: IP67 in accordance with EN60529:1992				
Transmitter Certified Operating Range	-40°C to +65°C (-40°F to +149°F) Note: The detector display may become illegible at temperatures below -20°C, but the detector continues its gas monitoring function. The display is not damaged and recovers when the temperature rises back above -20°C. See Sensepoint Sensor Datatsheet for further certified and operational temperature details.				
Operating Humidity	Continuous 20-90%RH (non-condensing), Intermittent 0-99%RH (non-condensing)				
<b>Operating Pressure</b>	90-110kPa				
Storage Conditions	-25°C to +65°C (-13°F to 131°F)				
Transmitter Ordering Information					
Standard Supply	Sensepoint XCD RTD is supplied complete with integral wall mounting plate, 2 x M20 side entries and 1 x M25 bottom entry. 1 x M20 plug, Allen key for locking screw, operating magnet, quick start guide and instruction manual CD. Default settings, ranges and calibrations are 100% tested at the factory. Each unit is supplied with a test certificate.				

**Shipping Details** 

Shipping carton dimensions: L312mm (12.3") x W223mm (8.8") x D110mm (4.3") Approximate weight: aluminium 2.5kg (5.5lbs), stainless steel 5.5kg (12.1lbs)



Note: Order required sensor separately \*Asian certifications also available



#### Sensepoint XCD RTD Transmitter

Sensepoint XCD RTD Transmitter Sensepoint Toxic and Oxygen Sensor	Sensepoint Toxic and Oxygen Sensors			
SPXCDASMTX4 ATEX/IECEX & AP approved SP XCD RTD Transmitter with 316SS 2106B1418 Sensepoint NO 0-100	0 ppm Toxic Sensor M20			
SPXCDALMTX4 ATEX/IECEX & AP approved SP XCD RTD Transmitter with LM25 2106B1518 Sensepoint NO 0-100	0 ppm Toxic Sensor M25			
Sensepoint Toxic Sensors 2106B1420 Sensepoint SO <sub>2</sub> 0-15	5 ppm Toxic Sensor M20			
<b>2106B1400</b> Sensepoint H <sub>2</sub> S 0-20ppm Toxic Sensor M20 <b>2106B1421</b> Sensepoint SO <sub>2</sub> 0-50	) ppm Toxic Sensor M20			
	5 ppm Toxic Sensor M25			
	) ppm Toxic Sensor M25			
	D ppm Toxic Sensor M20			
	D ppm Toxic Sensor M25			
	V/V Toxic Sensor M20			
<b>2106B1405</b> Sensepoint C0 0-100 ppm Toxic Sensor M20 <b>2106B1530</b> Sensepoint 0 <sub>2</sub> 25% V	V/V Toxic Sensor M25			
2106B1406         Sensepoint C0 0-200 ppm Toxic Sensor M20         Sensepoint Cell Exchange Kits	Sensepoint Cell Exchange Kits			
<b>2106B1407</b> Sensepoint CO 0-500 ppm Toxic Sensor M20 <b>2106B1545</b> O <sub>2</sub> Electrochemical C	Cell Exchange Kit			
2106B1505 Sensepoint C0 0-100 ppm Toxic Sensor M25 2106B1546 S0, Electrochemical	Cell Exchange Kit			
2106B1506 Sensepoint C0 0-200 ppm Toxic Sensor M25 2106B1547 Cl, Electrochemical C	Cell Exchange Kit			
2106B1507         Sensepoint CO 0-500 ppm Toxic Sensor M25         2106B1548         CO Electrochemical O	Cell Exchange Kit			
<b>2106B1410</b> Sensepoint Cl <sub>2</sub> 0-5 ppm Toxic Sensor M20 <b>2106B1549</b> H <sub>2</sub> S Electrochemical	Cell Exchange Kit			
<b>2106B1411</b> Sensepoint Cl <sub>2</sub> 0-15 ppm Toxic Sensor M20 <b>2106B1594</b> NO Electrochemical C	Cell Exchange Kit			
<b>2106B1510</b> Sensepoint Cl <sub>2</sub> 0-5 ppm Toxic Sensor M25 <b>2106B1595</b> NH <sub>3</sub> 0-1000 ppm Ele	ectrochemical Cell Exchange Kit			
<b>2106B1511</b> Sensepoint Cl <sub>2</sub> 0-15 ppm Toxic Sensor M25 <b>2106B1596</b> NH <sub>3</sub> 0-50 ppm Electr	rochemical Cell Exchange Kit			
2106B1413 Sensepoint NH <sub>3</sub> 0-50 ppm Toxic Sensor M20 2106B1597 H <sub>2</sub> 0-1000 ppm Elec	trochemical Cell Exchange Kit			
<b>2106B1414</b> Sensepoint NH <sub>3</sub> 0-1000 ppm Toxic Sensor M20 <b>2106B1598</b> H <sub>2</sub> 10000 ppm Electron	rochemical Exchange Kit			
	rochemical Exchange Kit			
2106B1513 Sensepoint NH <sub>3</sub> 0-50 ppm Toxic Sensor M25				
2106B1514 Sensepoint NH <sub>a</sub> 0-1000 ppm Toxic Sensor M25	E1155 with continuity plate 1 x 25mm - 3 x 20mm			
<b>2106B1515</b> Sensepoint NH <sub>3</sub> 0-100 ppm Toxic Sensor M25 Entries - ATEX approx				
2106B1416 Sensepoint H <sub>2</sub> 0-1000 ppm Toxic Sensor M20 SPXCDDMK Duct mounting kit				
2106B1417 Sensepoint H <sub>2</sub> 0-10000 ppm Toxic Sensor M20 SPXCDHMRTEN Hard copy manual in	English			
2106B1516 Sensepoint H <sub>2</sub> 0-1000 ppm Toxic Sensor M25 SPXCDMTBB Mounting bracket (in	c. bolts, nuts, brackets)			
2106B1517 Sensepoint H <sub>2</sub> 0-10000 ppm Toxic Sensor M25 SPXCDSDP Sunshade/deluge pro				

# **Our Product Range**







### **Fixed Gas Monitoring**

Honeywell Analytics offers a wide range of fixed gas detection solutions for a diverse array of industries and applications including: Commercial properties, industrial applications, semiconductor manufacturers, energy plants and petrochemical sites.

- Detection of flammable, oxygen and toxic gases (including exotics)
- Innovative use of 4 core sensing technologies – paper tape, electrochemical cell, catalytic bead and infrared
- Capability to detect down to Parts Per Billion (ppb) or Percent by Volume (%v/v)
- > Cost effective regulatory compliance solutions

## Portable Gas Monitoring

When it comes to personal protection from gas hazards, Honeywell Analytics has a wide range of reliable solutions ideally suited for use in confined or enclosed spaces. These include:

- Detection of flammable, oxygen and toxic gases
- Single gas personal monitors worn by the individual
- Multi-gas portable gas monitors used for confined space entry and regulatory compliance
- » Multi-gas transportable monitors used for temporary protection of area during site construction and maintenance activities

## **Technical Services**

At Honeywell Analytics, we believe in the value of great service and customer care. Our key commitment is providing complete and total customer satisfaction. Here are just a few of the services we can offer:

- » Full technical support
- Expert team on hand to answer questions and queries
- Fully equipped workshops to ensure quick turnaround on repairs
- » Comprehensive service engineer network
- » Training on product use and maintenance
- » Mobile calibration service
- Customised programmes of preventative/corrective maintenance
- » Extended warranties on products

Please Note:

While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.

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